



9-20-04

EV372467609

2813/

PTO/SB/21 (02-04)

Approved for use through 07/31/2006. OMB 0651-0031
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

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**TRANSMITTAL
FORM**

(to be used for all correspondence after initial filing)

Total Number of Pages in This Submission

9+ref.

Application Number

10/086,942

Filing Date

March 1, 2002

First Named Inventor

Cem Basceri

Art Unit

2813

Examiner Name

Y.B. Huynh

Attorney Docket Number

MI22-1951

ENCLOSURES (Check all that apply)

Fee Transmittal Form



Fee Attached



Amendment/Reply



After Final



Affidavits/declaration(s)



Extension of Time Request



Express Abandonment Request



Information Disclosure Statement

Certified Copy of Priority
Document(s)Response to Missing Parts/
Incomplete ApplicationResponse to Missing Parts
under 37 CFR 1.52 or 1.53

Drawing(s)



Licensing-related Papers



Petition

Petition to Convert to a
Provisional Application

Power of Attorney, Revocation



Change of Correspondence Address



Terminal Disclaimer



Request for Refund



CD, Number of CD(s) _____

After Allowance communication
to Technology Center (TC)Appeal Communication to Board
of Appeals and Interferences
Appeal Communication to TC
(Appeal Notice, Brief, Reply Brief)

Proprietary Information



Status Letter

Other Enclosure(s) (please
Identify below):Postcard; PTO-Form 1449 & cited
references.**Remarks**Charge any additional fees required under 47 CFR 1.16 and 1.17 and credit overages to
23-0925.**SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT**Firm
or
Individual nameDavid G. Latwesen, Ph.D.
Wells St. John P.S. - Customer No-021567

Signature

Date

9/17/04**CERTIFICATE OF TRANSMISSION/MAILING**I hereby certify that this correspondence is being facsimile transmitted to the USPTO or deposited with the United States Postal Service with
sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on
the date shown below.

Typed or printed name

VIA EXPRESS MAIL EV 372467609 US

Signature

Date

09/17/04

This collection of information is required by 37 CFR 1.5. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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EV372467609

PTO/SB/17 (10-03)

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U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

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FEE TRANSMITTAL for FY 2004

Effective 10/01/2003. Patent fees are subject to annual revision.

☐ Applicant claims small entity status. See 37 CFR 1.27

TOTAL AMOUNT OF PAYMENT (\$ 180.00)

Complete if Known

Application Number	10/086,942
Filing Date	March 1, 2002
First Named Inventor	Cem Basceri
Examiner Name	Y.B. Huynh
Art Unit	2813
Attorney Docket No.	MI22-1951

METHOD OF PAYMENT (check all that apply)☒ Check ☐ Credit card ☐ Money Order ☐ Other ☐ None☒ Deposit Account:Deposit Account Number
Deposit Account Name

23-0925

Wells St. John P.S.

The Director is authorized to: (check all that apply)

☒ Charge fee(s) indicated below ☒ Credit any overpayments☐ Charge any additional fee(s) or any underpayment of fee(s)☐ Charge fee(s) indicated below, except for the filing fee to the above-identified deposit account.**FEE CALCULATION****1. BASIC FILING FEE**

Large Entity		Small Entity		Fee Description	Fee Paid
Fee Code	Fee (\$)	Fee Code	Fee (\$)		
1001	770	2001	385	Utility filing fee	
1002	340	2002	170	Design filing fee	
1003	530	2003	265	Plant filing fee	
1004	770	2004	385	Reissue filing fee	
1005	160	2005	80	Provisional filing fee	
SUBTOTAL (1)					(\$ 0.00)

2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE

		Extra Claims		Fee from below		Fee Paid
Total Claims	<input type="text"/>	-20** =	<input type="text"/>	X	<input type="text"/>	
Independent Claims	<input type="text"/>	- 3** =	<input type="text"/>	X	<input type="text"/>	
Multiple Dependent					<input type="text"/>	

Large Entity		Small Entity		Fee Description
Fee Code	Fee (\$)	Fee Code	Fee (\$)	
1202	18	2202	9	Claims in excess of 20
1201	86	2201	43	Independent claims in excess of 3
1203	290	2203	145	Multiple dependent claim, if not paid
1204	86	2204	43	** Reissue independent claims over original patent
1205	18	2205	9	** Reissue claims in excess of 20 and over original patent

SUBTOTAL (2) (\$ 0.00)

**or number previously paid, if greater; For Reissues, see above

FEE CALCULATION (continued)**3. ADDITIONAL FEES**

Large Entity Small Entity

Fee Code	Fee (\$)	Fee Code	Fee (\$)	Fee Description	Fee Paid
1051	130	2051	65	Surcharge - late filing fee or oath	
1052	50	2052	25	Surcharge - late provisional filing fee or cover sheet	
1053	130	1053	130	Non-English specification	
1812	2,520	1812	2,520	For filing a request for <i>ex parte</i> reexamination	
1804	920*	1804	920*	Requesting publication of SIR prior to Examiner action	
1805	1,840*	1805	1,840*	Requesting publication of SIR after Examiner action	
1251	110	2251	55	Extension for reply within first month	
1252	420	2252	210	Extension for reply within second month	
1253	950	2253	475	Extension for reply within third month	
1254	1,480	2254	740	Extension for reply within fourth month	
1255	2,010	2255	1,005	Extension for reply within fifth month	
1401	330	2401	165	Notice of Appeal	
1402	330	2402	165	Filing a brief in support of an appeal	
1403	290	2403	145	Request for oral hearing	
1451	1,510	1451	1,510	Petition to institute a public use proceeding	
1452	110	2452	55	Petition to revive - unavoidable	
1453	1,330	2453	665	Petition to revive - unintentional	
1501	1,330	2501	665	Utility issue fee (or reissue)	
1502	480	2502	240	Design issue fee	
1503	640	2503	320	Plant issue fee	
1460	130	1460	130	Petitions to the Commissioner	
1807	50	1807	50	Processing fee under 37 CFR 1.17(q)	
1806	180	1806	180	Submission of Information Disclosure Stmt	180.00
8021	40	8021	40	Recording each patent assignment per property (times number of properties)	
1809	770	2809	385	Filing a submission after final rejection (37 CFR 1.129(a))	
1810	770	2810	385	For each additional invention to be examined (37 CFR 1.129(b))	
1801	770	2801	385	Request for Continued Examination (RCE)	
1802	900	1802	900	Request for expedited examination of a design application	

Other fee (specify) _____

*Reduced by Basic Filing Fee Paid

SUBTOTAL (3) (\$ 180.00)

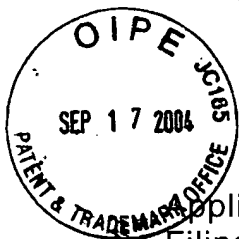
SUBMITTED BY

Name (Print/Type)	David G. Lawesen, Ph.D.	Registration No. (Attorney/Agent)	38,533	Telephone	509-624-4276
Signature		Date	09/17/04		

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EV372467609

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Application Serial No. 10/086,942
Filing Date March 1, 2002
Inventor Cem Basceri
Assignee Micron Technology, Inc.
Group Art Unit 2813
Examiner Y.B. Huynh
Attorney's Docket No. MI22-1951
Title: Capacitor Constructions Comprising Perovskite-Type Dielectric Materials
and Having Differnt Degrees of Crystallinity Within the Perovskite-Type Dielectric
Materials

SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT

References - - See attached Form PTO-1449

In compliance with 37 C.F.R. §§ 1.56, 1.97 and 1.98, your attention is directed to the United States patents and other references listed on the attached Form PTO-1449.

The citations listed may be material to the examination of the subject application and are therefore submitted in compliance with the duty of disclosure defined in 37 CFR '1.56. Copies of the cited art are included. No admission is made regarding whether all the submitted references are prior art. The Examiner is requested to make these citations of official record in this application.

09/22/2004 MBELETE1 00000086 10086942

01 FC:1806

180.00 OP


A check in the amount of \$180.00 is enclosed to cover the fee specified under 37 C.F.R. § 1.17(p).

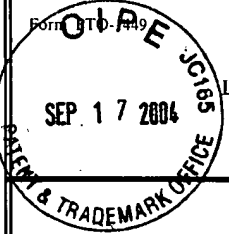
Respectfully submitted,

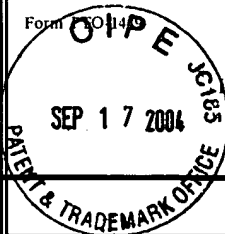
Dated: _____

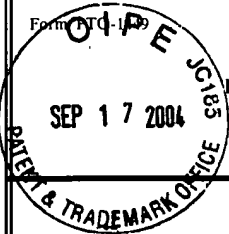
9/17/04

By: _____


David G. Latwesen, Ph.D.
Reg. No. 38,533

Form BT-D-449 		U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE		ATTY. DOCKET NO. M122-1951		SERIAL NO. 10/086,942		
LIST OF ART CITED BY APPLICANT (Use several sheets if necessary)						APPLICANT Cem Basceri		
FILING DATE March 1, 2002						GROUP 2813		
U.S. PATENT DOCUMENTS								
*Examiner Initial		Document Number	Date	Name	Class	Subclass	Filing Date If Appropriate	
	AA	4,261,698	04/81	Carr et al.				
	AB	4,691,662	09/87	Roppel et al.				
	AC	5,261,961	11/93	Takasu et al.				
	AD	5,270,241	12/93	Dennison et al.				
	AE	5,312,783	05/94	Takasaki et al.				
	AF	5,392,189	02/95	Fazan et al.				
	AG	5,395,771	03/95	Nakato				
	AH	5,468,687	11/95	Carl et al.				
	AI	5,525,156	06/96	Manada et al.				
	AJ	5,614,018	03/97	Azuma et al.				
	AK	5,656,329	08/97	Hampden-Smith				
	AL	5,663,089	09/97	Tomozawa et al.				
FOREIGN PATENT DOCUMENTS								
		Document Number	Date	Country	Class	Subclass	Translation	
							Yes	No
	AM	EP 0 030 798	06/81	EPO - Hughes			N/A	
	AN	GB 2 194 555 A	03/88	UK - Nippon			N/A	
	AO	EP 0 306 069 A2	03/89	EPO - Phillips			N/A	
	AP							
	AQ							
OTHER REFERENCES (including Author, Title, Date, Pertinent Pages, Etc.)								
	AR		Aoyama et al., "Leakage Current Mechanism of Amorphous and Polycrystalline Ta ₂ O ₅ Films Grown by chemical Vapor Deposition,"					
			1995, pages 977-983.					
	AS		Stemmer et al., "Accommodation of nonstoichiometry in (100) fiber-textured ... thin films grown by chemical vapor deposition,"					
			©1999 American Institute of Physics, pages 2432-2434.					
	AT		Streiffer et al., "Ferroelectricity in thin films: The dielectric response of fiber-textured ...thin films grown by chemical vapor deposition,"					
			©1999 American Institute of Physics, pages 45654575.					
EXAMINERs				DATE CONSIDERED				
*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.								

Form 1014 		U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE		ATTY. DOCKET NO. M122-1951		SERIAL NO. 10/086,942		
LIST OF ART CITED BY APPLICANT (Use several sheets if necessary)						APPLICANT Cem Basceri		
						FILING DATE March 1, 2002		
						GROUP 2813		
U.S. PATENT DOCUMENTS								
*Examiner Initial		Document Number	Date	Name	Class	Subclass	Filing Date If Appropriate	
	AA	5,702,562	12/97	Wakahara				
	AB	5,719,417	02/98	Roeder et al.				
	AC	5,723,361	03/98	Azuma et al.				
	AD	5,736,759	04/98	Hausaalter				
	AE	5,976,990	11/99	Mercaldi et al.				
	AF	5,989,927	11/99	Yamonobe				
	AG	6,101,085	08/00	Kawahara et al.				
	AH	6,215,650	04/01	Gnade et al.				
	AI	6,258,654	07/01	Gocho				
	AJ	6,287,935	09/01	Coursey				
	AK	6,325,017 B1	12/01	DeBoer et al.				
	AL	6,335,049 B1	01/02	Basceri				
FOREIGN PATENT DOCUMENTS								
		Document Number	Date	Country	Class	Subclass	Translation	
							Yes	No
	AM	JP 04-24922	01/92	Japan - Mitsubishi			X	
	AN	JP 04-115533	04/92	Japan - Oki Elec.			X	
	AO	JP 04-180566	06/92	Japan - Mitsushita			ABS	
	AP	JP 08-060347	03/96	Japan - Fujitsu			X	
	AQ	EP 0 810 666 A1	12/97	EPO - Oki Electric			N/A	
OTHER REFERENCES (including Author, Title, Date, Pertinent Pages, Etc.)								
	AR							
	AS							
	AT							
EXAMINER				DATE CONSIDERED				
*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.								

Form PTO-109 		U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE		ATTY. DOCKET NO. M122-1951		SERIAL NO. 10/086,942		
LIST OF ART CITED BY APPLICANT (Use several sheets if necessary)						APPLICANT Cem Basceri		
FILING DATE March 1, 2002						GROUP 2813		
U.S. PATENT DOCUMENTS								
*Examiner Initial		Document Number	Date	Name	Class	Subclass	Filing Date If Appropriate	
	AA	6,566,147 B2	05/03	Basceri et al.				
	AB							
	AC							
	AD							
	AE							
	AF							
	AG							
	AH							
	AI							
	AJ							
	AK							
	AL							
FOREIGN PATENT DOCUMENTS								
		Document Number	Date	Country	Class	Subclass	Translation	
							Yes	No
	AM	EP 0 892 426 A2	01/99	EPO - Ramtron			N/A	
	AN	WO 01/16395	03/01	WIPO - Micron			N/A	
	AO							
	AP							
	AQ							
OTHER REFERENCES (including Author, Title, Date, Pertinent Pages, Etc.)								
	AR							
	AS							
	AT							
EXAMINER				DATE CONSIDERED				
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